



### EXTERIOR - JACKING BEAM

Scale : None

JACKING BEAM TABLE		
	Size:	Location:
Jacking Beam		
Steel Grade		
Stiffener Plate Size		
Jack Offset		
Maximum Jack Force		
Minimum Section Modulus		
Minimum Cross Sectional Web Area		
Minimum Web Thickness		

#### Notes:

1. Jacking beams do not have to be new, but shall be in good condition.
2. The jack shall not be used to support load during bearing repairs.
3. Jacking beams shall be placed level unless otherwise noted.
4. The Contractor has the option of submitting another method of jacking to the Engineer for approval. The design shall be done by a PE registered in Md.
5. Jacking beams shall be kept low to minimize height of stacked plates or the HP column jack support.
6. Anchor bolt nuts may need to be loosened at the exterior and adjacent interior stringers to allow the stringer to rise.
7. Stringers shall not be raised more than  $\frac{1}{8}$ " above its existing elevation.

APPROVAL	
<i>L.S. Friedman</i>	DIRECTOR
OFFICE OF STRUCTURES	
DATE: 11/14/95	
REVISIONS	
SHA	FHWA

FHWA APPROVAL  
DATE: .

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF STRUCTURES

### EXTERIOR BEAM JACKING DETAILS

STANDARD NO. BR-SR(0.04)-95-307

SHEET 1 OF 6

STRUCTURAL REPAIRS